

**Notice of Allowability**

Application No.

10/626,604

Applicant(s)

SATO ET AL.

Examiner

Marissa L. Ferguson-Samreth

Art Unit

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an amendment filed on 1/17/07.
2. ☒ The allowed claim(s) is/are 1-8, 11-19, 22, 34, 36-46, 48-57, 70, 72-81, 106, 107, 109-113, 115-117 and 124-135.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

***Reasons for Allowance***

1. The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the prior art does not teach or render obvious a printer operable in a duplex print mode for printing an image on one side of a sheet-like recording medium and then printing an image on the other side of said sheet-like recording medium, said printer comprising wherein the roller comprises an elastic roller having an adhesive surface while the elastic roller comprises rubber and is caused to rotate by the press roller, and wherein the press roller comprises, when configured to press the other side of the recording medium against the print drum, an elastic body having a fluorine compound layer on a surface thereof, the fluorine compound layer including a film tube closely fitted on the surface of said elastic body.

Regarding claim 12, the prior art does not teach or render obvious a printer operable in a duplex print mode wherein an elastic roller having an adhesive surface while the elastic roller comprises rubber and is caused to rotate by the press roller and wherein the press roller comprises, when configured to press the other side of the recording medium against the print drum, an elastic body having a fluorine compound layer on a surface thereof, the fluorine compound layer including a film tube closely fitted on the surface of said elastic body.

Regarding claims 106 and 112, the prior art does not teach or render obvious a printer operable in a duplex print mode for printing an image on one side of a sheet-like recording medium and then printing, within 3 seconds, an image on the other side of the

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sheet-like recording medium, the printer comprising wherein the press roller comprises, when configured to press the other side of the sheet-like recording medium against the print drum, a surface formed with a number of projections, each having a peak provided with a radius of 0.04 mm or below, at a mean pitch of 0.4 mm or below, and wherein the projections are formed on an elongate sheet member having a preselected width and spirally wrapped around the surface of said press roller.

Regarding claims 124 and 130, the prior art does not teach or render obvious a printer operable in a duplex print mode for printing an image on one side of a sheet-like recording medium and then printing, within 3 seconds, an image on the other side of the sheet-like recording medium, the printer comprising a surface including a stepped portion formed by a number of spherical bodies, each having a radius of 0.1 mm or below, arranged with a maximum difference in height of 0.03 mm or above and a mean pitch of 0.15 mm or above between nearby highest peaks.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marissa L. Ferguson-Samreth whose telephone number is (571) 272-2163. The examiner can normally be reached on (M-T) 6:30am-4:00pm and every other (F) 7:30am-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Marissa L Ferguson-Samreth  
Examiner  
Art Unit 2854

MFS

  
Daniel J. Colilla  
Primary Examiner  
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